

# FILE NOTATIONS

Entered in NID File .....  
 Location Map Pinned .....  
 Card Indexed .....

Checked by Chief .....  
 Approval Letter .....  
 Disapproval Letter .....

## COMPLETION DATA:

Date Well Completed 2-6-69  
 OW..... WW..... TA.....  
 GW..... OS..... PA.....

Location Inspected .....  
 Bond released .....  
 State or Fee Land .....

## LOGS FILED

Driller's Log. 2-17-69  
 Electric Logs (No.) 6.....

E..... I..... Dual I Lat..... GR-N..... Micro.....  
 BHC Sonic GR..... Lat..... Mi-L..... Sonic.....  
 CBLog..... CCLog..... Others.....

*Minuteman Security*

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

## APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

## 1a. TYPE OF WORK

DRILL ☒DEEPEN ☐PLUG BACK ☐

## 5. LEASE DESIGNATION AND SERIAL NO.

Utah 06794

## 6. IF INDIAN, ALLOTTEE OR TRIBE NAME

## 7. UNIT AGREEMENT NAME

## 8. FARM OR LEASE NAME

Little Valley-Federal

## 9. WELL NO.

1

## 10. FIELD AND POOL, OR WILDCAT

Wildcat

11. SEC., T., R., M., OR BLK.  
AND SURVEY OR AREA

Sec. 18; T.30S; R.25E

## 12. COUNTY OR PARISH

San Juan

Utah

## b. TYPE OF WELL

OIL  
WELL ☐GAS  
WELL ☐

OTHER Wildcat

SINGLE  
ZONE ☐MULTIPLE  
ZONE ☐

## 2. NAME OF OPERATOR

UNION OIL COMPANY OF CALIFORNIA

## 3. ADDRESS OF OPERATOR

P. O. BOX 1611 - CASPER, WYOMING 82601

## 4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.\*)

At surface

1,923' FSL and 855' FSL (SW SE)

At proposed prod. zone

## 14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*

## 15. DISTANCE FROM PROPOSED\*

LOCATION TO NEAREST  
PROPERTY OR LEASE LINE, FT.  
(Also to nearest drlg. unit line, if any)

## 16. NO. OF ACRES IN LEASE

317.93

17. NO. OF ACRES ASSIGNED  
TO THIS WELL18. DISTANCE FROM PROPOSED LOCATION\*  
TO NEAREST WELL, DRILLING, COMPLETED,  
OR APPLIED FOR, ON THIS LEASE, FT.

## 19. PROPOSED DEPTH

9,500

## 20. ROTARY OR CABLE TOOLS

Rotary

## 21. ELEVATIONS (Show whether DF, RT, GR, etc.)

6,318' GR

## 22. APPROX. DATE WORK WILL START\*

December 27, 1968

## 23.

## PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4"	9-5/8"	32.3	1,000'	400 sacks
7-7/8"	5-1/2"	15.5 & 17	9,500'	300 sacks

Union Oil Company of California proposes to drill a 9,500' Exploratory well to test the Mississippian formation.

We plan to drill a 12-1/4" hole to 1,000', run and cement 9-5/8" OD casing set at 1,000'. Drill 7-7/8" hole to 9,500' Total Depth. Run logs and if productive run 5-1/2" OD casing to 9,500' and cement. Complete using 2-7/8" OD tubing.

Drill Stem Testing and Coring will be at the Well Site Geologist discretion.

Double ram pressure operated B.O.P.'s will be used.

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

## 24.

ORIGINAL SIGNED  
BY HAROLD SIMPSON

SIGNED

TITLE District Operations Supt.

DATE 12-19-68

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

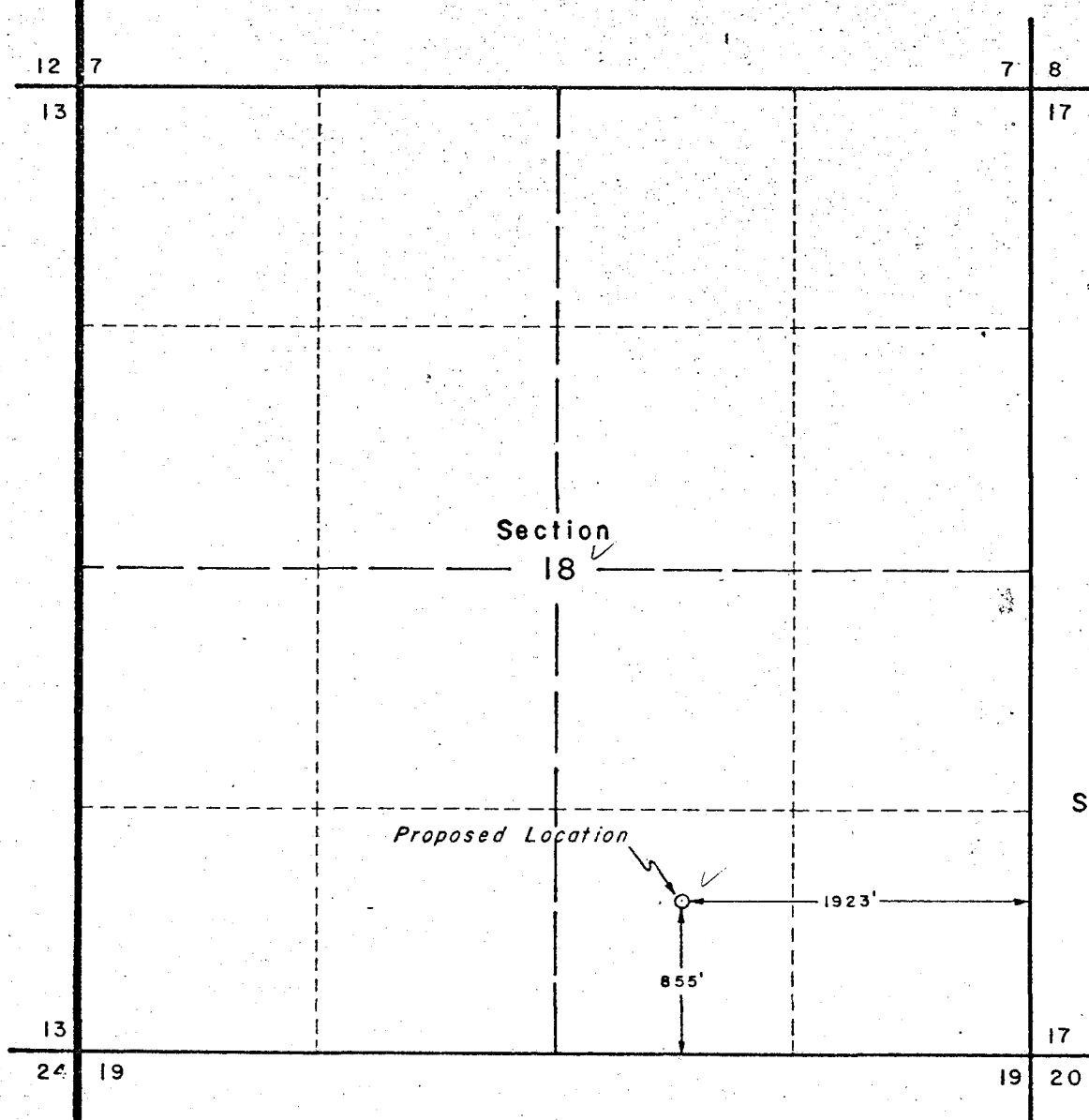
TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

\*See Instructions On Reverse Side

R.24 E. R.25 E.



**WELL LOCATION: Union Oil Company Little Valley — Federal No. 1**

Located 855 feet North of the South line and 1923 feet West of the East line of Section 18  
Township 30 South, ✓ Range 25 East ✓ Salt Lake Base & Meridian  
San Juan Co., Utah  
Existing ground elevation determined at 6318 feet based on U.S.G.S. datum.

I hereby certify the above plat represents a survey made under my supervision and that it is accurate to the best of my knowledge and belief.

*Frederick H. Reed*

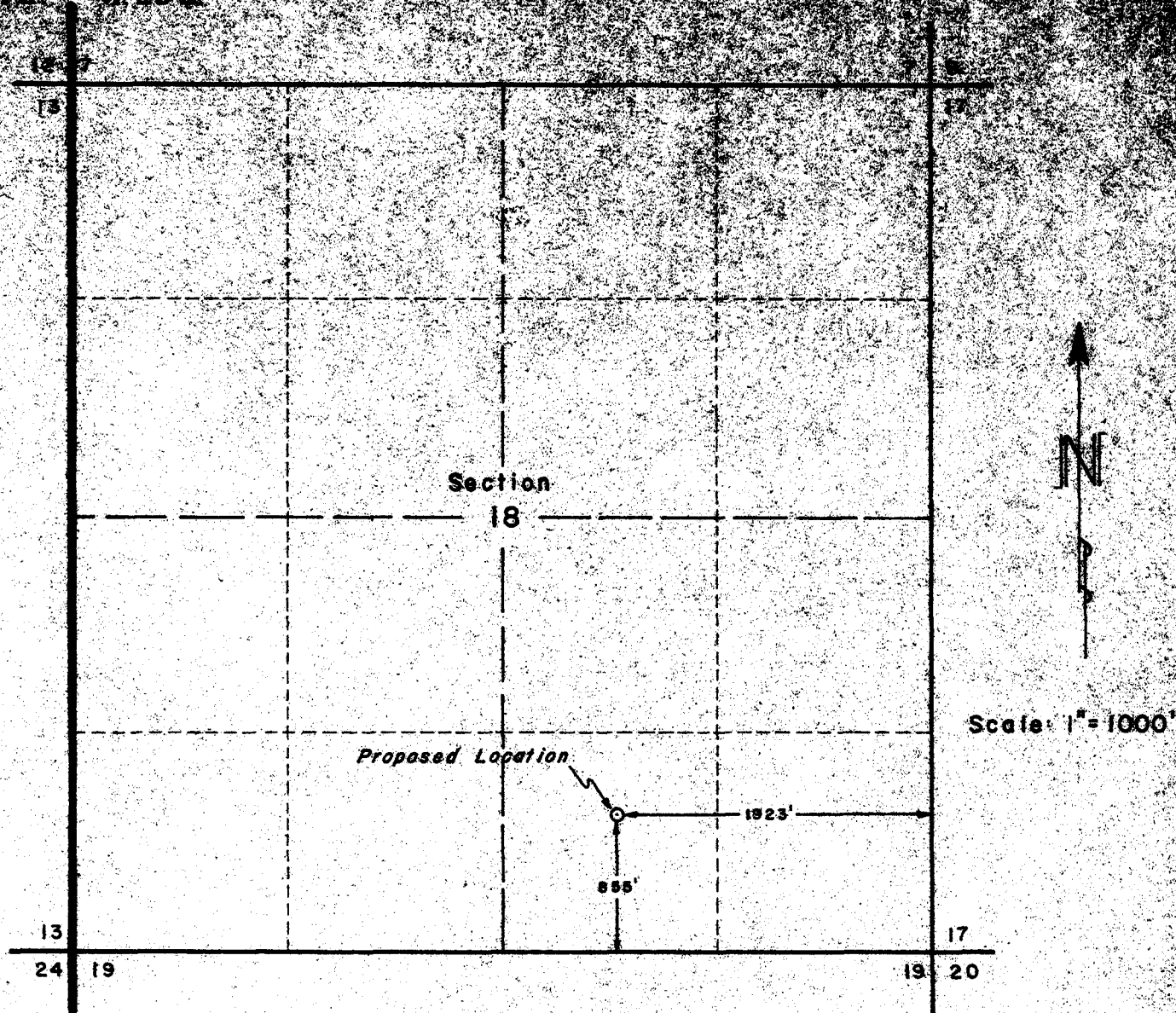
FREDERICK H. REED  
Registered Land Surveyor  
State of Utah # 2689

UNION OIL COMPANY  
Denver, Colorado

WELL LOCATION PLAT  
SEC. 18, T. 30 S., R. 25 E. S. L. M.  
San Juan Co., Utah

CLARK-REED & ASSOC.  
Durango, Colorado

DATE: Dec. 16, 1968  
FILE NO: 68089



**WELL LOCATION: Union Oil Company Little Valley — Federal No. 1**

Located 855 feet North of the South line and 1923 feet West of the East line of Section 18  
 Township 30 South, Range 25 East Salt Lake Base & Meridian  
 San Juan Co., Utah  
 Existing ground elevation determined at 6318 feet based on U.S.G.S. datum.

I hereby certify the above plat represents a survey made under my supervision and that it is accurate to the best of my knowledge and belief.

*Frederick H. Reed*

FREDERICK H. REED  
 Registered Land Surveyor  
 State of Utah \* 2689



UNION OIL COMPANY  
 Denver, Colorado

**WELL LOCATION PLAT**  
**SEC. 18, T. 30 S., R. 25 E. S. L. M.**  
**San Juan Co., Utah**

CLARK - REED & ASSOC.  
 Durango, Colorado

DATE Dec. 18, 1933  
 FILE NO. 65289

December 24, 1968

Union Oil Company of California  
P. O. Box 1611  
Casper, Wyoming 82601

Re: Well No. Little Valley-Federal #1,  
Sec. 18, T. 30 S., R. 25 E.,  
San Juan County, Utah.

Gentlemen:

Insofar as this office is concerned, approval to drill the above mentioned well is hereby granted in accordance with the Order issued in Cause No. 134-1 dated December 3, 1968.

Should you determine that it will be necessary to plug and abandon this well, you are hereby requested to immediately notify the following:

PAUL W. BURCHELL, Chief Petroleum Engineer  
HOME: 277-2890 - Salt Lake City, Utah  
OFFICE: 328-5771

This approval terminates within 90 days if the well has not been spudded-in within said period.

Enclosed please find Form OGC-8-X, Report of Water Encountered During Drilling, which is to be completed whether or not water sands (aquifers) are encountered while drilling. Your cooperation with respect to completing this form will be greatly appreciated.

Union Oil Company of California

December 24, 1968

-2-

The API number assigned to this well is 43-037-30029 (see Bulletin D12 published by the American Petroleum Institute).

Very truly yours,

DIVISION OF OIL & GAS CONSERVATION

PAUL W. BURCHELL  
CHIEF PETROLEUM ENGINEER

PWB:sg

cc: U. S. Geological Survey  
Jerry Long, District Engineer  
Box 1809  
Durango, Colorado

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE  
(Other instructions on reverse side)

Form approved.  
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

Utah 66794

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Little Valley Federal

9. WELL NO.

1

10. FIELD AND POOL, OR WILDCAT

Wildcat

11. SEC., T., R., M., OR BLK. AND  
SURVEY OR AREA

Sec. 18; T. 30S; R. 25E

12. COUNTY OR PARISH 13. STATE

San Juan

Utah

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL ☐ GAS WELL ☐ OTHER **Drilling Well**

2. NAME OF OPERATOR

UNION OIL COMPANY OF CALIFORNIA

3. ADDRESS OF OPERATOR

P. O. BOX 1611 - CASPER, WYOMING 82601

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.\*  
See also space 17 below.)  
At surface

1,923' FSL and 855' FSL (SW SE)

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.)

6,318' GR

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

PULL OR ALTER CASING

FRACTURE TREAT

MULTIPLE COMPLETE

SHOOT OR ACIDIZE

ABANDON\*

REPAIR WELL

CHANGE PLANS

(Other)

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

REPAIRING WELL

FRACTURE TREATMENT

ALTERING CASING

SHOOTING OR ACIDIZING

ABANDONMENT\*

(Other) **Supplemental Well History**

(NOTE: Report results of multiple completion on Well  
Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

AS PER (1) LIST ATTACHED:

18. I hereby certify that the foregoing is true and correct

SIGNED

A. T. Mannon, Jr.

TITLE

District Drilling Supt.

DATE

2-3-69

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

\*See Instructions on Reverse Side

Little Valley Federal No. 1  
Sec. 18; T.30S; R.25E  
San Juan County, Utah

Spudded January 2, 1969 at 3:00 A.M.

Drilled 12-1/4" hole to 1082'. Last 8' drilled without circulation, twisted off. Fished and recovered. Lost circulation at 997' and again at 1074'.

Spotted 80 bbls. Salt Gel Plug at 1082', pulled 5 stands, waited 4 hours, pumped 150 bbls mud with no returns. Spotted 80 bbl Salt Gel Plug and well circulated. Lost circulation @ 1537', drilled to 1547' dry. Set 80 bbl. Salt Gel Plug w/ no returns. Mixed and spotted 4 - 80 bbl. Salt Gel Plugs, no returns. Pulled bit. Ran in w/ DP open end. Spotted 80 bbl. Diacel "D" plug w/ 35 shredded burlap sacks, no returns. Mixed and spotted 2 - 80 bbl. Salt Gel & Diacel Plugs w/ 40 shredded burlap sacks, no returns. Pulled DP. Reamed 12-1/4" hole to 17-1/2" hole from surface to 137'. Ran HOWCO Open Hole Bridge Basket on Dump Bailer w/ 1 sack Calseal. Set Basket @ 147' and dumped Calseal. Basket did not hold. Ran 13-3/8" cementing plug and pushed to 154'. Ran 2 sack Calseal on plug, plug slipped to 1096'. Ran 3 more sacks Calseal on plug and plug slipped to 1106'. Ran 13 unopened sacks of LCM and pushed to 128', held 2000# weight. Dumped 3 sacks Calseal on Bridge @ 128'. Dumped 3 sacks cement with 4% CaCl<sub>2</sub>. Ran in with 12-1/4" bit and tagged plug at 124'. Circulated OK. Ran and cemented 5 jts 13-3/8" OD 48# H-40 casing (105') w/ 3 Centralizers and bottom belled, set at 124' with 200 sacks 50-50 Pozmix, 2% Gel., 2% CaCl<sub>2</sub>. Full returns. Job complete 3:15 P.M. January 15, 1969.

January 16, 1969, drilled out cement in 13-3/8" OD casing, cleaned out to bottom at 1548' (lost circulation). Drilled with aerated water to 2308'. Ran 9-5/8" OD 36 & 40# J-55 casing set at 2187' with 1st stage - Lower - 450 cubic feet of 50-50 Pozmix w/ 25# Gilsonite per sack, no returns. 2nd stage - opened DV Stage Tool @ 858' and cemented upper with 850 cubic feet 50-50 Pozmix and 8% Gel. No returns. Job complete at 6:00 P.M. January 20, 1969. Ran 8-3/4" bit, drilled out stage collar at 858', found top of cement in casing at 2100'. Tested to 2500 psi - OK. Pulled DP and bit. Ran Cement Bond Log, found top of cement at 1822' outside casing, no cement above. Drilled out cement in casing, drilled ahead to 8,945', incomplete.



Ralph Chie  
Inman Oil - Little Valley #1

18-305-25E  
San Juan

958 @ 2137

- (1) surfed
- (2) 1800-1850 (stabilizer)
- (3) 2137 to 2775
- (4) Potash (20' above & below)
- (5) 8684 8784 - bore of salt
- (6) 8830-8930 - top of thin
- (7) 9100-9025 - Over  $\phi$

T.D. 9100 - Logging + DST.

2/5/69

QMB

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEYSUBMIT IN TRIPLICATE\*  
(Other instructions on re-  
verse side)Form approved.  
Budget Bureau No. 42-R1424.

## SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input checked="" type="checkbox"/> <b>Drilling Well</b>		5. LEASE DESIGNATION AND SERIAL NO. <b>Utah 06794</b>
2. NAME OF OPERATOR <b>UNION OIL COMPANY OF CALIFORNIA</b>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
3. ADDRESS OF OPERATOR <b>P. O. BOX 1611 - CASPER, WYOMING 82601</b>		7. UNIT AGREEMENT NAME
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface <b>1,923' FEL and 855' FSL (SW SE)</b>		8. FARM OR LEASE NAME <b>Little Valley Federal</b>
14. PERMIT NO.		9. WELL NO. <b>-1</b>
15. ELEVATIONS (Show whether DF, RT, GR, etc.) <b>6,318' GR</b>		10. FIELD AND POOL, OR WILDCAT <b>Wildcat</b>
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA <b>Sec. 18; T. 30S; R. 25E</b>
		12. COUNTY OR PARISH <b>San Juan</b>
		13. STATE <b>Utah</b>

## 16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

## NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

☐  
☐  
☐  
☐

PULL OR ALTER CASING

☐  
☐  
☒  
☐

FRACTURE TREAT

MULTIPLE COMPLETE

SHOOT OR ACIDIZE

ABANDON\*

REPAIR WELL

CHANGE PLANS

(Other)

## SUBSEQUENT REPORT OF:

WATER SHUT-OFF

☐  
☐  
☐

REPAIRING WELL

☐  
☐  
☐

FRACTURE TREATMENT

ALTERING CASING

SHOOTING OR ACIDIZING

ABANDONMENT\*

(Other)

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

**9,100' TD****Dry Hole, propose to Plug and Abandon as follows:**

**Plug #1 9100 - 9025' - 25 sacks cement**  
**2 8930 - 8830' - 30 sacks cement**  
**3 8634 - 8784' - 30 sacks cement**  
**4 8210 - 8260' - 15 sacks cement**  
**5 5700 - 5750' - 15 sacks cement**  
**6 2137 - 2275' - 39 sacks cement**  
**7 1800 - 1850' - 15 sacks cement**  
**8 Top of casing 10 sacks cement**  
**Install Dry Hole Marker.**

**Per verbal approval of Mr. Jerry W. Long, U.S.G.S. District Engineer and Mr. Paul Buchell, Utah State Conservation Commission.**

18. I hereby certify that the foregoing is true and correct

SIGNED

A. T. MANNON, JR.

TITLE

**District Drilling Sept.**

DATE

**2-11-69**

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEYSUBMIT IN TRIPLICATE  
(Other instructions on re-  
verse side)Form approved.  
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

Utah 06794

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Little Valley Federal

9. WELL NO.

1

10. FIELD AND POOL, OR WILDCAT

Wildcat

11. SEC., T., R., M., OR BLK. AND  
SURVEY OR AREA

Sec. 18; T.30S; R.25E

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.)

6,318' CR

12. COUNTY OR PARISH

San Juan

13. STATE

Utah

## 16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

## NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

☐  
☐  
☐  
☐

PULL OR ALTER CASING

☐  
☐  
☐  
☐

FRACTURE TREAT

MULTIPLE COMPLETE

SHOOT OR ACIDIZE

ABANDON\*

REPAIR WELL

CHANGE PLANS

(Other)

## SUBSEQUENT REPORT OF:

WATER SHUT-OFF

☐  
☐  
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☐

REPAIRING WELL

☐  
☐  
☐  
☒

FRACTURE TREATMENT

ALTERING CASING

SHOOTING OR ACIDIZING

ABANDONMENT\*

(Other) Supplemental Well History

(NOTE: Report results of multiple completion on Well  
Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

Drilled 8,945' to 9,100' TD.

DST No. 1 9009 - 9100' - TO 10 min., opened w/ very weak blow; SI 30 min.; TO 1½ hrs., opened w/ very weak blow, increased to fair blow in 6 min. and steady for remainder of test; SI 90 min. Recovered 4,068' salt water w/ H2S odor, no gas, no oil. BHT 145 deg. F. IHP 4905; IFP 102-345; ISIP 2968; FF 372-1878; PSIP 2928; FHP 4892.

Ran Logs. Dry hole, plugged and abandoned per verbal approval of Mr. Jerry W. Long, U.S.G.S. District Engineer and Mr. Paul Buchell, Utah State Conservation Commission. Plugged as follows: Plug #1 9100 - 9025' - 25 sacks cement

#2 8930 - 8830' - 30 sacks cement

#3 8634 - 8784' - 30 sacks cement

#4 8210 - 8260' - 15 sacks cement

#5 5700 - 5750' - 15 sacks cement

#6 2137 - 2275' - 39 sacks cement

#7 1800 - 1850' - 15 sacks cement

#8 Top Surface Casing - 10 sacks cement.

Dry Hole Marker Installed.

Plugging and Abandonment complete 8:20 P.M. February 6, 1969.

18. I hereby certify that the foregoing is true and correct

ORIGINAL SIGNED BY

SIGNED A. T. MANNON JR.

TITLE District Drilling Supt.

DATE 2-11-69

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

\*See Instructions on Reverse Side

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE\*

(See other in-  
structions on  
reverse side)Form approved.  
Budget Bureau No. 42-R355.5.

5. LEASE DESIGNATION AND SERIAL NO.

**Utah 06794**

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

**Little Valley Federal**

9. WELL NO.

**1**

10. FIELD AND POOL, OR WILDCAT

**Wildcat**11. SEC., T., R., M., OR BLOCK AND SURVEY  
OR AREA**Sec. 18; T.30S; R.25E**12. COUNTY OR  
PARISH**San Juan**

13. STATE

**Utah**

1a. TYPE OF WELL:

OIL  
WELL ☐GAS  
WELL ☐DRY ☒

Other \_\_\_\_\_

b. TYPE OF COMPLETION:

NEW  
WELL ☐WORK  
OVER ☐DEEP-  
EN ☐PLUG  
BACK ☐DIFF.  
RESVR. ☐Other **Plugged & Abd.**

2. NAME OF OPERATOR

**UNION OIL COMPANY OF CALIFORNIA**

3. ADDRESS OF OPERATOR

**P. O. BOX 1611 - CASPER, WYOMING 82601**

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)\*

At surface

**1,923' FEL and 855' FSL (SW SE)**

At top prod. interval reported below

At total depth

14. PERMIT NO.

DATE ISSUED

15. DATE SPUDDED

**1- 2-69**

16. DATE T.D. REACHED

**2- 3-69**

17. DATE COMPL. (Ready to prod.)

**2- 6-69**

18. ELEVATIONS (DF, R&amp;B, RT, GR, ETC.)\*

**6,318' GR**

19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD &amp; TVD

**9,100'**

21. PLUG, BACK T.D., MD &amp; TVD

22. IF MULTIPLE COMPL.,  
HOW MANY\*23. INTERVALS  
DRILLED BY

ROTARY TOOLS

CABLE TOOLS

**0 - 9,100'**

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)\*

25. WAS DIRECTIONAL  
SURVEY MADE**No**

26. TYPE ELECTRIC AND OTHER LOGS RUN

**Bottom Hole Compensated Sonic - Gamma Ray**

27. WAS WELL CORED

**2,176 - 9,081' - Dual Induction Laterolog 2,176 - 9,077'****No**

28. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
<b>13-3/8</b>	<b>48</b>	<b>124'</b>	<b>17-1/2</b>	<b>200 sacks</b>	<b>-0-</b>
<b>9-5/8</b>	<b>36 &amp; 40</b>	<b>2,187'</b>	<b>12-1/4</b>	<b>1,300 sacks</b>	<b>-0-</b>

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)

30. TUBING RECORD

31. PERFORATION RECORD (Interval, size and number)

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED

33.\*

PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)					WELL STATUS (Producing or shut-in)	
							<b>Plugged &amp; Abandoned</b>	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO	
			→					
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)		
		→						

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

TEST WITNESSED BY

35. LIST OF ATTACHMENTS

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

ORIGINAL SIGNED BY

SIGNED

**A. T. MANNON JR.**

TITLE

**District Drilling Supt.**

DATE

**2-13-69****A. T. Mannon, Jr.**

\*(See Instructions and Spaces for Additional Data on Reverse Side)

# INSTRUCTIONS

**General:** This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 38, below regarding separate reports for separate completions.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

**Item 4:** If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

**Item 18:** Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments. **Items 22 and 24:** If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 38. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

**Item 29:** "Sacks Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

**Item 33:** Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

## 37. SUMMARY OF POROUS ZONES:

SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF: CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.
DST #1 - 9,009	- 9,100'	- Tool open 10 min. w/ very weak blow, SI 30 min., TO 1-1/2 hours, opened with very weak blow, increased to fair blow in 6 min. and remained steady for balance of open period, SI 90 min.. Recovered 4,068'	
ISIP 2968; FT 372 - 1878; FSIP 2928; FHP 4892.			
PLUGGED AND ABANDONED AS FOLLOWS:			
9,100 - 9,025'	- 25 sacks	Cement	
8,930 - 8,830'	- 30 sacks	cement	
8,634 - 8,784'	- 30 sacks	cement	
8,210 - 8,260'	- 15 sacks	cement	
5,700 - 5,750'	- 15 sacks	cement	
2,137 - 2,275'	- 39 sacks	cement	
1,800 - 1,850'	- 15 sacks	cement	
Top Surface Casing - 10 sacks cement w/ Dry Hole Marker.			

Plugged & abandoned as of 8:20 P.M. February 6, 1969.

## 38. GEOLOGIC MARKERS

NAME	MEAS. DEPTH	TOP	TRUE VERT. DEPTH
Hermosa	Surface		
Isamay	1,693		
Paradox Salt	2,226		
Salt, base	8,729		
Mississippian	8,880		
T.D.	9,100		

FORM OGC-8-X

FILE IN QUADRUPLICATE

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL & GAS CONSERVATION  
1588 West North Temple  
Salt Lake City, Utah 84116

REPORT OF WATER ENCOUNTERED DURING DRILLING

Well Name & Number Little Valley Federal No. 1  
Operator Union Oil Company of California Address P. O. Box 1611 Phone 234-1563  
Contractor Loffland Brothers Address Casper, Wyoming Phone \_\_\_\_\_  
Location SW 1/4 SE 1/4 Sec. 18 T. 30 XXR. 25 E San Juan County, Utah  
S S XX  
Water Sands:

<u>Depth</u>		<u>Volume</u>	<u>Quality</u>
From	To	Flow Rate or Head	Fresh or Salty
1.	<u>None</u>		
2.			
3.			
4.			
5.			

(Continue on reverse side if necessary)

Formation Tops:

Hermosa	Surface	Mississippian	8880
Ismay	1693	Total Depth	9100
Paradox Salt	2226		
Base Salt	8729		

Remarks:

- NOTE:
- (a) Upon diminishing supply forms, please inform this office.
  - (b) Report on this form as provided for in Rule C-20, General Rules and Regulations and Rules of Practice and Procedure, (See Back of form).
  - (c) If a water analysis has been made of the above reported zone, please forward a copy along with this form.

February 18, 1969

Union Oil Company of California  
P.O. Box 1611  
Casper, Wyoming 82601

Re: Well No. Little Valley Fed. #1  
Sec. 18, T. 30 S, R. 25 E,  
San Juan County, Utah

Gentlemen:

We are in receipt of your logs for the above mentioned well which have been marked "tight hole". Please refer to Rule C-5 (b), General Rules and Regulations and Rules of Practice and Procedure.

In order to hold this information confidential, we must have a letter from your company requesting that this data be withheld from open file. If we do not hear from you by February 28, 1969, we will assume that the information can be released.

Very truly yours,

DIVISION OF OIL & GAS CONSERVATION

SCHEREE DeROSE  
SECRETARY

:sd

Union Oil Company of California

Post Office Box 1611, Casper, Wyoming 82601

Telephone (307) 234-1563



February 21, 1969

State of Utah  
Division of Oil and Gas Conservation  
1588 West North Temple  
Salt Lake City, Utah 84116

Attn: Scheree DeRose

Re: Little Valley Federal No. 1  
Sec. 18-T30S-R25E  
San Juan County, Utah

Gentlemen:

The above captioned well is no longer considered a "tight hole."  
You may therefore, release any information in your files as of  
this date.

Yours very truly,

A handwritten signature in cursive script, appearing to read "A. T. Mannon, Jr.".

A. T. Mannon, Jr.  
District Drilling Superintendent

ATM: jlp